

Section 157.12(b) requires that monitors installed on U.S. vessels must be approved under 46 CFR Subpart 162.050.

(9) U.S. vessels are required to meet 46 CFR Parts 110–113, Electrical Engineering Regulations, which also constitutes compliance with IEC Publication 92.

(10) Sections 157.37(a) (3) and (4) impose the same limits. These limits relate to instantaneous rate and total quantity of oil discharged.

(11) Section 157.37(d) also requires that discharge data be kept for three years.

(12) Section 157.37(a)(6) also requires visual observation of the discharge if the system fails.

[CGD 75–124a, 48 FR 45723, Oct. 6, 1983]

APPENDIX G TO PART 157—TIMETABLES FOR APPLICATION OF DOUBLE HULL REQUIREMENTS

1. *Source.* These timetables conform to 46 U.S.C. 3703a(c).

2. *Timetables.*

(a) In this section, the age of a vessel is determined from the later of the date on which the vessel is—

- (1) Delivered after original construction;
- (2) Delivered after completion of a major conversion; or

(3) Qualified for documentation under section 4136 of the Revised Statutes of the United States (46 U.S.C. app. 14).

(b) A vessel of less than 5,000 gross tons for which a building contract or contract for major conversion was placed before June 30, 1990, and that is delivered under that contract before January 1, 1994, and a vessel that had its appraised salvage value determined by the Coast Guard before June 30, 1990, and that qualifies for documentation under section 4136 of the Revised Statutes of the United States (46 U.S.C. app. 14) before January 1, 1994, may not operate in the navigable waters or the Exclusive Economic Zone of the United States after January 1, 2015, unless equipped with a double hull or with a double containment system determined by the Coast Guard to be as effective as a double hull for the prevention of a discharge of oil.

(c) A vessel for which a building contract or contract for major conversion was placed before June 30, 1990, and that is delivered under that contract before January 1, 1994, and a vessel that had its appraised salvage determined by the Coast Guard before June 30, 1990, and that qualifies for documentation under 46 CFR subpart 67.19 before January 1, 1994, may not operate in the navigable waters or Exclusive Economic Zone of the United States unless equipped with a double hull—

- (1) In the case of vessel of at least 5,000 gross tons but less than 15,000 gross tons—

- (i) After January 1, 1995, if the vessel is 40 years old or older and has a single hull, or is 45 years old or older and has a double bottom or double sides;

- (ii) After January 1, 1996, if the vessel is 39 years old or older and has a single hull, or is 44 years old or older and has a double bottom or double sides;

- (iii) After January 1, 1997, if the vessel is 38 years old or older and has a single hull, or is 43 years old or older and has a double bottom or double sides;

- (iv) After January 1, 1998, if the vessel is 37 years old or older and has a single hull, or is 42 years old or older and has a double bottom or double sides;

- (v) After January 1, 1999, if the vessel is 36 years old or older and has a single hull, or is 41 years old or older and has a double bottom or double sides;

- (vi) After January 1, 2000, if the vessel is 35 years old or older and has a single hull, or is 40 years old or older and has a double bottom or double sides;

- (vii) After January 1, 2005, if the vessel is 25 years old or older and has a single hull, or is 30 years old or older and has a double bottom or double sides;

(2) In the case of a vessel of at least 15,000 gross tons but less than 30,000 gross tons—

- (i) After January 1, 1995, if the vessel is 40 years old or older and has a single hull, or is 45 years old or older and has a double bottom or double sides;

- (ii) After January 1, 1996, if the vessel is 38 years old or older and has a single hull, or is 43 years old or older and has a double bottom or double sides;

- (iii) After January 1, 1997, if the vessel is 36 years old or older and has a single hull, or is 41 years old or older and has a double bottom or double side;

- (iv) After January 1, 1998, if the vessel is 34 years old or older and has a single hull, or is 39 years old or older and has a double bottom or double sides;

- (v) After January 1, 1999, if the vessel is 32 years old or older and has a single hull, or is 37 years old or older and has a double bottom or double sides;

- (vi) After January 1, 2000, if the vessel is 30 years old or older and has a single hull, or is 35 years old or older and has a double bottom or double sides;

- (vii) After January 1, 2001, if the vessel is 29 years old or older and has a single hull, or is 34 years old or older and has a double bottom or double sides;

- (viii) After January 1, 2002, if the vessel is 28 years old or older and has a single hull, or is 33 years old or older and has a double bottom or double sides;

- (ix) After January 1, 2003, if the vessel is 27 years old or older and has a single hull, or is 32 years old or older and has a double bottom or double sides;

(x) After January 1, 2004, if the vessel is 26 years old or older and has a single hull, or is 31 years old or older and has a double bottom or double sides;

(xi) After January 1, 2005, if the vessel is 25 years old or older and has a single hull, or is 30 years old or older and has a double bottom or double sides; and

(3) In the case of a vessel of at least 30,000 gross tons—

(i) After January 1, 1995, if the vessel is 28 years old or older and has a single hull, or is 33 years old or older and has a double bottom or double sides;

(ii) After January 1, 1996, if the vessel is 27 years old or older and has a single hull, or is 32 years old or older and has a double bottom or double sides;

(iii) After January 1, 1997, if the vessel is 26 years old or older and has a single hull, or is 31 years old or older and has a double bottom or double sides;

(iv) After January 1, 1998, if the vessel is 25 years old or older and has a single hull, or is 30 years old or older and has a double bottom or double sides;

(v) After January 1, 1999, if the vessel is 24 years old or older and has a single hull, or is 29 years old or older and has a double bottom or double sides;

(vi) After January 1, 2000, if the vessel is 23 years old or older and has a single hull, or is 28 years old or older and has a double bottom or double sides;

(d) Except as provided in paragraph (b) of this section—

(1) A vessel that has a single hull may not operate after January 1, 2010, and

(2) A vessel that has a double bottom or double sides may not operate after January 1, 2015.

NOTE: Double sides and double bottoms must meet the requirements in §157.10d(c) or (d), as appropriate. A vessel will be considered to have a single hull if it does not have double sides and a double bottom that meet the requirements in §157.10d(c) and §157.10d(d). To determine a tank vessel's double hull compliance date under OPA 90, use the vessel's hull configuration (*i.e.*, single hull; single hull with double sides; or single hull with double bottom) on August 18, 1990. The conversion of a single hull tank vessel to include only double sides or only a double bottom after August 18, 1990, will not result in a change of the vessel's originally scheduled phase-out date. The conversion of a single hull tank vessel to a double hull tank vessel meeting the requirements of §157.10d complies with OPA 90.

[CGD 90–051, 57 FR 36245, Aug. 12, 1992, as amended by USCG–1999–6164, 65 FR 39262, June 23, 2000]

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